

PARTHENIUM INTEGRIFOLIUM L. Plentiful in clearings at the place cited below. Not before recorded for Michigan. KEWEE-NAW Co.: Agate Harbor Mine, the Misses *Ruth and Frances Lyon* of Calumet, Michigan, September 20, 1939 and *O. A. Farwell*, no. 12236, September 29, 1939.

LAKE LINDEN, Michigan

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A GLOBOSE FORM OF PITCH PINE (*PINUS RIGIDA*) IN VIRGINIA.—*PINUS RIGIDA* Mill. forma **globosa**, forma nov. Arbor globosa compacta; foliis normalibus; strobilis 4.5–5.5 cm. longis, 4.8–5.3 cm. latis, quam eis speciei paullo minoribus.—VIRGINIA: single tree in pasture just south of Hopewell Gap, Bull Run Mountain, Fauquier Co., March 10, 1940, *Allard* 7587 (TYPE no. 1,785,345, U. S. National Herbarium; duplicates in National Arboretum Herbarium, Gray Herbarium, Arnold Arboretum), also 4351, 5688, 6119.

The dimensions of this particular tree are as follows: Height 7 feet, 6 inches; spread of crown 12 feet; diameter of trunk at ground 6.5 inches. This tree developed cones while very small, some of these originating on twigs just above the ground. These are variable in size, the smallest ranging from 1¼ to 1½ inches in length; the largest 2 to 2¼ inches in length.

The specializations and relationships of the fibrovascular bundles, the number and distribution of the resin canals, etc., as determined by microtome cross sections of the needles of this globose form appear to be no different from those of trees of normal growth habit.

The Pitch Pine is of more or less general occurrence as an element of the wooded slopes throughout Bull Run Mountain. It is also an important element of the old field successions everywhere in this area, in many places competing with the Virginia Pine (*Pinus virginiana*), the only other species of pine colonizing in old fields here.—H. A. ALLARD, Department of Agriculture, Washington.

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